付録A　仕　様

型　名		Express5800/MW500e
		N8100-1344
CPU	タイプ	デュアルコアIntel® Xeon® プロセッサー5130
	クロック	2GHz
	標準	1個
	最大	2個
チップセット		Intel® 5000P（1066/1333MHz）
メモリ	標準	1GB（512MBx2）
	最大	4GB
	増設単位	2枚単位（512MB×2/1GB×2/2GB×2）
	ﾒﾓﾘﾓｼﾞｭｰﾙ	DDR2-667 FB-DIMM、Chipkill機能対応
	Check方式	ECC
補助入力装置	ﾌﾛｯﾋﾟｰﾃﾞｨｽｸﾄﾞﾗｲﾌﾞ（標準）	3.5インチドライブ×1
	ﾊｰﾄﾞﾃﾞｨｽｸﾄﾞﾗｲﾌﾞ（標準）	219.6GB（73.2GB×3）
	ﾊｰﾄﾞﾃﾞｨｽｸﾄﾞﾗｲﾌﾞ（最大）	1800GB（300GB×6）
	光ﾃﾞｨｽｸﾄﾞﾗｲﾌﾞ（標準）	DVD:3～8倍速、CD:10～24倍速（ATAPI、トレーロード式）
ハードディスクドライブベイ		6スロット
バックアップファイルベイ		1スロット
拡張スロット*1		フルハイト（標準装備）：3スロット PCI EXPRESS（x8レーン）×1[1] 64ビットPCI-X（100MHz）×2[1] ロープロファイル（標準装備）：3スロット PCI EXPRESS（x8レーン）×1[1] PCI EXPRESS（x4レーン）×2[2]
LAN		通信用：1000Base-T/100Base-TX/10Base-T（2ポート） 管理用：100Base-TX/10Base-T（1ポート）
外部ｲﾝﾀﾌｪｰｽ	シリアル	RS-232C 規格準拠シリアルポート（前面×1、背面×1[いずれもD-Sub9ピン]）×2
	ネットワーク	RJ-45（3ポート）
ディスクアレイ		標準装備（RAID5（出荷時の設定））
冗長電源		対応（オプション、ホットプラグ対応）
冗長ファン		対応（オプション、ホットプラグ対応）
筐体デザイン		ラックマウントモデル（2U）
外形寸法		445（幅）×722（奥行き）×88（高さ）*2
質量		21kg（最大31kg）
電源		AC100V±10%、50/60Hz±1Hz
環境条件	動作時	温度:10～35℃、湿度:20～80%（ただし、結露しないこと）
	保管時	温度:-10～55℃、湿度:20～80%（ただし、結露しないこと）*3

*1　サポートしているボードや搭載スロットについては6章を参照してください。

*2　突起物/フロントベゼルを含んだ場合は485×822×88mm。

*3　低温または高温で保管した場合、システム時計の時刻が現在時刻から大きくずれる場合があります。なおシステム時計に高い精度が求められる場合には、タイムサーバ（NTPサーバ）の運用を推奨します。

付録B　保守サービス会社網一覧

NEC Express5800シリーズ、および関連製品のアフターサービスは、お買い上げの弊社販売店、最寄りの弊社、またはNECフィールディング株式会社までお問い合わせください。下記にNECフィールディングのサービス拠点所在地一覧を示します。
（受付時間：AM9:00～PM5:00　土曜日、日曜日、祝祭日を除く）
次のホームページにも最新の情報が記載されています。

http://www.fielding.co.jp/

このほか、弊社販売店のサービス網がございます。お買い上げの販売店にお問い合わせください。
トラブルなどについてのお問い合わせは下記までご連絡ください（電話番号のおかけ間違いにご注意ください）。その他のお問い合わせについては、下表を参照してください。

電話番号　0120-911-111

2007年2月現在

都道府県名	拠点名	電話番号	郵便番号	所在地
北海道	札幌支店	011-221-3705	060-0042	札幌市中央区大通西4-1　新大通ビル9F
	東札幌営業所	011-833-8640	003-0001	札幌市白石区東札幌1条1丁目6番33号
	釧路営業所	0154-32-7100	085-0816	釧路市錦町5-3　三ッ輪ビル2F
	旭川支店	0166-24-2098	070-0033	旭川市三条通9丁目左1号　明治安田生命旭川ビル1F
	オホーツク営業所	0157-25-7520	090-0024	北見市北四条東3-1-1　富士火災北見ビル3F
	苫小牧営業所	0144-36-3846	053-0022	苫小牧市王子町3-2-23　朝日生命苫小牧ビル2F
	室蘭営業所	0143-46-3180	050-0083	室蘭市東町2-24-4　石井第5ビル3F
	函館支店	0138-54-5642	040-0001	函館市五稜郭町1-14　住友生命五稜郭ビル3F
	道東支店	0155-25-4892	080-0013	帯広市西三条南10-32　日本生命帯広駅前ビル5F
	小樽営業所	0134-24-5685	047-0036	小樽市長橋3-4-14
青森	青森支店	017-735-8501	030-0802	青森市本町1-2-20　住友生命青森柳町ビル3Ｆ
	八戸営業所	0178-44-4354	031-0081	八戸市柏崎1-10-2　八戸第一生命ビル1F
	弘前営業所	0172-34-9083	036-8002	弘前市駅前2-2-2　弘前第一生命ビル1F
岩手	盛岡支店	019-635-3011	020-0866	盛岡市本宮3-13-20
	一関営業所	0191-25-6531	021-0041	一関市赤荻字月町218-2
宮城	仙台支店	022-292-1900	983-0852	仙台市宮城野区榴岡3-4-18　タカノボル22ビル4F
秋田	秋田支店	018-863-7938	010-0951	秋田市山王1-3-29
山形	山形支店	023-631-3502	990-2445	山形市南栄町3-6-34
	鶴岡営業所	0235-25-8386	997-0013	鶴岡市道形町23-31　山庄ビル1階
	米沢営業所	0238-24-1418	992-0027	米沢市駅前3-5-22　かなつビル1F
福島	郡山支店	024-938-5209	963-8022	郡山市西ノ内22-13
	福島支店	024-536-3703	960-8074	福島市西中央五丁目6番1号
	いわき営業所	0246-28-8371	970-8034	いわき市平上荒川字桜町34-1
	会津若松営業所	0242-28-7624	965-0818	会津若松市東千石2-1-45
茨城	鹿島営業所	0299-82-4860	314-0014	鹿嶋市光3　住友金属構内
	つくば支店	029-860-2000	305-0821	つくば市春日3-22-8
	水戸支店	029-257-1860	310-0911	水戸市見和3-575-3
栃木	宇都宮支店	028-632-8140	321-0954	宇都宮市元今泉2-7-6
	小山営業所	0285-21-1495	323-0807	小山市城東1-14-12　ウエルストン1ビル1F
群馬	群馬支店	027-255-5461	371-0855	前橋市問屋町2-4-3　NF3ビル4F
	太田営業所	0276-45-0666	373-0853	太田市浜町58-24

都道府県名	拠点名	電話番号	郵便番号	所在地
埼玉	さいたま中央支店	048-660-1881	331-0812	さいたま市北区宮原町2-85-5
	熊谷営業所	048-527-0597	360-0036	熊谷市桜木町1-1-1　秩父鉄道熊谷ビル4F
	浦和営業所	048-866-5471	336-0022	さいたま市南区白幡4-12-19
	川越支店	04-2955-7695	350-1331	狭山市新狭山2-11-10
	越谷営業所	048-978-9500	343-0042	越谷市千間台東1-7-25　エムケービル1F
千葉	千葉支店	043-221-7660	260-0843	千葉市中央区末広1-12-15
	成田営業所	0476-22-5390	286-0044	成田市不動ヶ岡2152-2　成田旭ビル1F
	君津営業所	0439-55-7278	299-1144	君津市東坂田1-3-2　京葉君津ビル3F
	船橋支店	047-434-1611	273-0012	船橋市浜町2-1-1　ららぽーと三井ビル7F
	柏支店	04-7135-2400	277-0827	柏市松葉町2-5-1
	印西営業所	0476-46-4250	270-1352	印西市大塚1-9 千葉ニュータウンエネルギーセンター1階
東京	東京中央支店	03-3431-9191	105-0012	港区芝大門2-5-5　住友芝大門ビル3F
	大森支店	03-3764-0007	140-0013	品川区南大井6-25-3　ビリーヴ大森ビル8F
	三田支店	03-3452-6168	108-0073	港区三田1-4-28　三田国際ビル1F
	渋谷支店	03-5458-3341	150-0032	渋谷区鶯谷町2番3号　COMS（コムス）2F
	新宿支店	03-5155-7810	169-0072	新宿区大久保1-3-21　新宿TXビル6F
	日本橋支店	03-3297-0783	104-0032	中央区八丁堀4-5-8　ノワール八丁堀2F
	江東支店	03-3649-3230	135-0016	江東区東陽2-2-20　住友不動産東陽駅前ビル1F
	秋葉原支店	03-5821-2474	111-0052	台東区柳橋2-19-6　秀和柳橋ビル8F
	足立営業所	03-3888-7151	120-0034	足立区千住1-11-2　カーニープレイス千住7F
	神田支店	03-3233-2411	101-0064	千代田区猿楽町2-7-8　住友水道橋ビル8F
	東京流通 サービス部	03-5459-6051	150-0032	渋谷区鶯谷町2番3号　COMS（コムス）2F
	立川支店	042-527-2527	190-0022	立川市錦町2-4-6　住友生命立川ビル3F
	小金井支店	042-385-7666	184-0013	小金井市前原町5-9-7
神奈川	神奈川支店	045-314-7625	220-0004	横浜市西区北幸2-8-4　横浜西口KNビル11F
	横須賀営業所	046-827-3188	238-0004	横須賀市小川町14-1　ニッセイ横須賀センタービル1F
	川崎営業所	044-244-1083	210-0011	川崎市川崎区富士見1-6-3　TOKICO事務棟ビル3F
	相模原支店	042-746-6111	228-0803	相模原市相模大野7-1-6　相模大野第一生命ビル4F
	厚木支店	046-225-0411	243-0018	厚木市中町四丁目16-21　プロミティあつぎビル5階
	平塚支店	0463-21-4777	254-0035	平塚市宮の前1-2　あいおい損保平塚第一ビル2F
	藤沢営業所	0466-22-0204	251-0055	藤沢市南藤沢17-10　コア湘南田村ビル１F
	玉川支店	044-814-1551	213-0002	川崎市高津区二子5-1-1　高津パークプラザビル4F
山梨	甲府支店	055-226-7564	400-0858	甲府市相生2-3-16　三井住友海上甲府ビル3F
	富士吉田営業所	0555-23-9515	403-0005	富士吉田市上吉田3726　ヤマナシ文具センタービル1F
長野	松本支店	0263-27-7070	399-0033	松本市笹賀6096-1
	岡谷営業所	0266-24-4870	394-0031	岡谷市田中町2-8-5　岡谷サンプラザビル4階
	長野支店	026-224-0050	380-0824	長野市南石堂町1293　清水長野ビル1F
	上田営業所	0268-27-6336	386-0032	上田市諏訪形5-1　豊成ビル5F
	飯田営業所	0265-53-7043	395-0815	飯田市松尾常盤台73-10
新潟	新潟支店	025-243-2315	950-0986	新潟市神道寺南2-4-15
	長岡営業所	0258-35-5217	940-0034	長岡市福住2-3-6　小林石油ビル
富山	富山支店	076-442-2605	930-0004	富山市桜橋通り1-18　住友生命富山ビル1F
	黒部営業所	0765-54-0447	938-0031	黒部市三日市字新光寺1880-1
	高岡営業所	0766-25-4212	933-0912	高岡市丸の内1-40　高岡商工ビル8F
石川	金沢支店	076-223-3188	920-0864	金沢市高岡町1-39　住友生命金沢高岡町ビル1F
	小松営業所	0761-24-3782	923-0926	小松市竜助町36　小松東京海上日動ビルディング3F
	七尾営業所	0767-54-0298	926-0801	七尾市昭和町51-2
福井	福井支店	0776-54-6637	918-8206	福井市北四ツ居町518

都道府県名	拠点名	電話番号	郵便番号	所在地
岐阜	東濃営業所	0572-55-4578	509-5132	土岐市泉町大富261-8
	岐阜支店	058-275-8801	500-8367	岐阜市宇佐南3-4-7
	高山営業所	0577-33-6524	506-0021	高山市名田町5-95-2　第3みたかビル5F
	中濃営業所	0574-27-6431	505-0041	美濃加茂市太田町飛鹿1927-2
静岡	静岡支店	054-202-6120	422-8061	静岡市駿河区森下町1-35　静岡MYタワー2F
	富士営業所	0545-64-6735	416-0944	富士市横割1-17-24　FCビル2F
	沼津支店	055-973-6001	411-0906	駿東郡清水町八幡88-1
	浜松支店	053-466-0205	435-0047	浜松市原島町111
	掛川営業所	0537-23-2181	436-0056	掛川市中央1-4-2　タウンビル3F
愛知	名古屋支店	052-264-7525	460-0007	名古屋市中区新栄2-28-22　NEC名古屋ビル5F
	名南営業所	052-694-1031	457-0862	名古屋市南区内田橋1-8-5　アートライフ・タケセイ1F
	半田営業所	0569-22-2762	475-0903	半田市出口町1-130-1　森田ビル4F
	小牧支店	0568-75-5594	485-0029	小牧市中央1-271　大垣共立銀行小牧支店ビル4F
	名西営業所	052-442-7451	490-1111	海部郡甚目寺町大字甚目寺字山王22 （株）シーエスイー山王ビル
	岡崎営業所	0564-23-5020	444-0044	岡崎市康生通南3-5　住友生命岡崎第二ビル1F
	豊橋営業所	0532-55-3063	440-0084	豊橋市下地町瀬上83
	三河支店	0565-34-1168	471-0034	豊田市小坂本町1-5-3　朝日生命新豊田ビル4F
三重	三重支店	059-227-1622	514-0042	津市新町3-2-1
	四日市営業所	0593-51-0425	510-0075	四日市市安島1-5-10　KOSCO四日市西浦ビル2F
	伊賀上野営業所	0595-23-8914	518-0873	伊賀市上野丸之内128　共立ビル2F
滋賀	滋賀支店	077-525-3156	520-0043	大津市中央4-5-4　BKビル
	彦根営業所	0749-24-1784	522-0073	彦根市旭町8-20
	八日市営業所	0748-25-0680	527-0022	東近江市八日市上之町2-7　ウイング八日市3F
京都	京都支店	075-812-5800	604-8804	京都市中京区壬生坊城町24-1　古川勘ビル4F
	福知山営業所	0773-23-6287	620-0942	福知山市駅南町3-6　竹下駅南ビル2F
	亀岡営業所	0771-25-7320	621-0805	亀岡市安町中畠1-2　スカイビル7F
大阪	本町支店	06-6264-2810	541-0053	大阪市中央区本町2-1-6　堺筋本町センタービル6F
	大阪支店	06-6264-2828	541-0053	大阪市中央区本町2-1-6　堺筋本町センタービル6F
	淀川支店	06-6305-5444	532-0011	大阪市淀川区西中島1-11-16　住友商事淀川ビル3F
	千里支店	06-6835-0017	560-0083	豊中市新千里西町1-2-2　住友商事千里ビル　南館2F
	東大阪支店	0729-24-6780	581-0803	八尾市光町1-61　嶋野・住友生命ビル7F
	南大阪支店	072-223-8595	590-0075	堺市南花田口町2-3-20　住友生命堺東ビル　南館4F
兵庫	豊岡営業所	0796-24-0331	668-0043	豊岡市桜町15-1　幸栄ビル1F
	神戸支店	078-332-5431	650-0031	神戸市中央区東町126　神戸シルクセンタービル3F
	姫路支店	0792-89-2684	670-0948	姫路市北条宮の町113
奈良	奈良支店	0742-36-1161	630-8001	奈良市法華寺町219-1
	橿原営業所	0744-23-6240	634-0813	橿原市四条町277-1　シェ・ホーム・ヤマ2F
和歌山	和歌山支店	073-428-3222	640-8154	和歌山市六番丁5　和歌山第一生命ビル
鳥取	鳥取営業所	0857-25-6322	680-0845	鳥取市富安2-159　久本ビル4F
	米子営業所	0859-22-8280	683-0805	米子市西福原2-1-1　YNT第10ビル2階
島根	山陰支店	0852-21-0988	690-0049	松江市袖師町2-38　NKTビル7F
	浜田営業所	0855-22-6092	697-0033	浜田市朝日町70-5　朝日第2ビル1F
岡山	岡山支店	086-246-9606	700-0976	岡山市辰巳19-102
	倉敷営業所	086-426-1371	710-0057	倉敷市昭和2-4-6　住友生命倉敷ビル2F
	津山営業所	0868-31-2821	708-0023	津山市大手町6-8　城南ビル4F
広島	広島支店	082-248-4222	730-0042	広島市中区国泰寺町2-5-11　西橋屋ビル4F
	呉営業所	0823-21-5129	737-0051	呉市中央1-6-9　センタービル呉駅前6F
	東広島営業所	0824-22-6411	739-0015	東広島市西条栄町10-27　栄町ビル2F
	福山営業所	084-931-8907	720-0973	福山市延広町1-2　明治安田生命福山駅前ビル8F

都道府県名	拠点名	電話番号	郵便番号	所在地
山口	山口支店	083-973-1858	754-0011	山口市小郡御幸町4-9　山陽ビル小郡1F
	山口周防営業所	0833-44-1621	744-0011	下松市西豊井1375-3
	岩国営業所	0827-22-9534	740-0018	岩国市麻里布町1-5-26　岩国通運ビル2F
	下関営業所	0832-57-2939	751-0877	下関市秋根東町8-10　トワムールエクスビル3F
徳島	徳島支店	088-622-1270	770-0852	徳島市徳島町2-19-1　あいおい損保徳島第一ビル4F
香川	高松支店	087-833-1771	760-0008	高松市中野町29-2　住友生命高松パークビル7F
	丸亀営業所	0877-23-8563	763-0034	丸亀市大手町3-5-18　ジブラルタ生命丸亀ビル7F
愛媛	松山支店	089-945-4145	790-0878	松山市勝山町1-19-3　青木第一ビル5 F
	八幡浜営業所	0894-24-6158	796-0010	八幡浜市江戸岡一丁目4-6　江戸岡ビル2F
	宇和島営業所	0895-25-1000	798-0032	宇和島市恵美須町2-4-14　井上ビル
	今治営業所	0898-31-5741	794-0063	今治市片山1-2-20
	新居浜営業所	0897-34-4772	792-0003	新居浜市新田町3-2　新居浜ビル5F
	川之江営業所	0896-58-6208	799-0113	四国中央市妻鳥町1010番地8　共和ビル102号室
高知	高知支店	088-883-8884	780-0872	高知市杉井流70-5　マノワール杉井流
福岡	福岡支店	092-472-2853	812-0004	福岡市博多区榎田2-3-27　STS第二ビル3F
	北九州支店	093-522-0581	802-0014	北九州市小倉北区砂津1-5-34　小倉興産23号館4F
	飯塚営業所	0948-24-0919	820-0066	飯塚市大字幸袋526-1　福岡ソフトウェアセンター2F
	久留米営業所	0942-44-5298	839-0809	久留米市東合川2-4-29
	大牟田営業所	0944-51-2655	836-0843	大牟田市不知火町2-7-1　中島物産ビル5F
佐賀	佐賀支店	0952-31-9301	849-0937	佐賀市鍋島3-2-19
	佐賀西営業所	0954-22-6567	843-0022	武雄市武雄町大字武雄5014-1　東洋リーセントビル5F
長崎	長崎支店	095-820-0525	850-0032	長崎市興善町6-5　興善イーストビル4階
	佐世保営業所	0956-34-3811	857-1161	佐世保市大塔町1266-24
	諫早営業所	0957-23-0471	854-0016	諫早市高城町5-10　諫早商工会館5F
熊本	熊本支店	096-383-6777	862-0925	熊本市保田窪本町1-40
大分	大分支店	097-503-2555	870-0921	大分市萩原4-9-65
	中津営業所	0979-23-1182	871-0058	中津市豊田町2-423-10　6 BILL 5F
宮崎	宮崎支店	0985-27-4477	880-0806	宮崎市広島1-18-7　大同生命宮崎ビル9F
	延岡営業所	0982-35-7545	882-0847	延岡市旭町3-1-1 旭化成ネットワークス（株）本社棟1F
	都城営業所	0986-23-4821	885-0021	都城市平江町13街区15　富士火災海上保険ビル3F
鹿児島	鹿児島支店	099-285-2266	890-0062	鹿児島市与次郎2-4-35　KSC鴨池ビル1F
	出水営業所	0996-62-8922	899-0202	出水市昭和町13-1　第二丸久ビル2F
沖縄	沖縄支店	098-876-2788	901-2132	浦添市伊祖2-7-11

用語解説

ソフトウェアに関する用語について解説します。

anonymous FTP
FTP(File Transfer Protocol)の利用方法のひとつで、FTPサーバをインターネット上で公開し、誰でも使用できるようにしたもの。利用者は特定のアカウントを持たない匿名でもサーバにアクセスすることができる。

BIOS(Basic Input/Basic Output)
基本的な入出力を行うプログラムのこと。

CGI(Common Gateway interface)
Webサーバの HTML文書から外部プログラムを呼び出すための仕掛け。Webサーバ機能をさまざまな用途に拡張できる。

CIDR(Classless Inter-Domain Routing)
クラスを使わないIPアドレスの割当と、経路情報の集成を行う技術です。

DHCP(Dynamic Host Configuration Protocol)
ネットワークに接続された各端末はIPアドレス、DNSサーバなど、各種の設定を行う必要がある。
これらに関する情報をDHCPサーバに登録しておくと、LANポートに接続された機器の設定をDHCPサーバが自動的に行う。

DNS(Domain Name System)
ネットワーク上のマシンの名前とIPアドレスを相互に変換するシステム。
覚えにくいIPアドレスを使わずに、マシン名であるドメイン名(例えばwww.nec.co.jp)を使って通信を可能にする。
DNSソフトウェアはネームサーバとリゾルバと呼ばれる二つの機能を持つ。
ネームサーバは、ドメインネームとIPアドレスを管理するデータベースにアクセスし、マシン名とIPアドレスを変換する機能を持つ。
リゾルバはクライアントの要求に応じて、ネームサーバに問い合わせを行う機能である。代表的なDNSソフトウェアに、BINDがある。

Ethernet(→「イーサネット」)

FQDN(Fully Qualified Domain Name)
TCP/IPネットワーク上で、ドメイン名やサブドメイン名、ホスト名を省略せずにすべて指定した記述形式のこと。

FTP(File Transfer Protocol)
TCP/IPネットワークでファイルを転送するために使われるプロトコル、またはプログラムを指す。FTPでファイルを転送するには、通常はユーザー名とパスワードが必要であるが、anonymous(匿名の意味)というユーザー名で、誰でも使用できるFTPサーバもあり、これは、anonymous FTPサーバと呼ばれる。

HTML(Hyper Text Markup Language)
Webサーバで公開する情報を記述するための言語。文字や画像を結び合わせたハイパーテキスト文書を作成できる。
HTMLを記述するには、文書の論理構造を、タグと呼ぶ記号を使って示さなければならないが、現在はHTMLを簡単に作成するツールが数多く存在している。Webブラウザは、Webサーバ上にあるHTMLファイルを実際に表示するソフトウェアである。Webサーバにアクセスするには、URL(ユニフォームリソースロケータ)、例えば「http://www.nec.co.jp/」を指定する。

HTTP(Hyper Text Transfer Protocol)
WebサーバとWebブラウザがファイルなどの情報をやり取りするためのプロトコル。

IP(Internet Protocol)
ネットワーク間でのデータの中継経路を決定するためのプロトコル。通信プロトコルの体系において、TCPとIPは非常に重要なので、これら二つを合わせてTCP/IPとも呼ばれる。

IP(Internet Protocol)アドレス
TCP/IP通信においてネットワーク上の各端末の位置を特定するために使用される32ビットのアドレス。通常は8ビットずつ4つに区切って0～255.0～255.0～255.0～255という10進数の数字列で表される。ルータはIPアドレスを複数持つ。
例)130.158.60.5

LAN(Local Area Network)
同一フロアーや敷地内の比較的小さな規模のネットワークのことをいう。

Linux
Linus Torvalds氏を中心に、世界中の開発者がインターネットを利用して、相互に協力しながら開発・保守しているUNIX互換OS。

Management Console
Webブラウザを利用した本装置のシステム設定ツールの名称。Web-based Management Consoleの略称としてWbMCと表記することもある。

MIME(Multipurpose Internet Mail Extention)
インターネットを介してさまざまなデータを送るための拡張仕様。

PING(Packet InterNet Groper)
ある端末から他の端末への接続が正常に行えるかどうかを試験するプログラム。

POP(Post Office Protocol)
TCP/IPのアプリケーションプロトコルの一つで、クライアントがサーバからメールを取得するときに用いられるプロトコル。

SMTP(Simple Mail Transfer Protocol)
TCP/IPのアプリケーションプロトコルの一つで、電子メールの配送のためのプロトコル。

SSL(Secure Socket Layer)
Webサーバが信頼できるものかの認証を行ったり、Webブラウザのフォームから送信する情報を暗号化するために用いられる技術。SSLを用いるには、Webサーバに秘密鍵と証明書を設定する必要がある。証明書はベリサインなどの認証局に署名してもらうものと、自己署名のものがあるが、前者を用いるとサーバ認証と暗号化が、後者を用いると暗号化のみが有効になる。

TCP(Transmission Control Protocol)
事実上インターネット標準となっているTCP/IPプロトコルの基礎をなすプロトコル。IPの上位プロトコルとして位置づけられ、IPがコネクションレス型の配送サービスだけを提供するのに対して、TCPはコネクション型の配送サービスを提供する。

TCP/IP(Transmission Control Protocol/Internet Protocol)
インターネットの標準通信プロトコル。TCPをIPはそれぞれ固有のプロトコル名だが、一般にUDP(User Datagram Protocol)などを含めたプロトコル群をTCP/IPと総称することが多い。
TCPを使う代表的なネットワーク機能には、HTTP、FTPなどがある。UDPを使う代表的なネットワーク機能には、DNSなどがある。

Telnet(Telecommunication Network)
TCP/IPで接続されたコンピュータに遠隔地からログインするためのサービス、またはプログラムを指す。インターネットに接続された特定のコンピュータに接続し、そのコンピュータを遠隔操作する目的で使われるもの。

イーサネット(Ethernet)
米ゼロックス社、米DEC社、米インテル社の3社が共同開発したLANの名称。

インターネット
ほぼ全世界にまたがるコンピュータネットワークの集合体。元々は、UNIXのLANを相互接続することで形成されたきた。現在ではパソコンLANとも接続しており、巨大な通信インフラとなった。
インターネットへの接続には、専用線によるIP接続、ダイヤルアップ接続などの方法がある。

イントラネット
インターネットの技術を企業内の通信基盤に取り入れた形態。

クライアント
ネットワークにおいてサーバに対し、情報の提供などの何らかのサービスを要求し、その返答を受ける機器またはアプリケーションの総称。

サーバ
ネットワークにおいてクライアントに対し、何らかのサービスを提供する機器のことをいう。提供するサービスごとに、ファイルサーバ、DNSサーバといった名称で呼ばれる。

サブネット
IPアドレスの範囲内で管理者は自分の管理するネットワークをサブネットマスクを使用して、いくつかの小ネットワークに分割することができる。こうしてできた小ネットワークを、サブネットと呼ぶ。

サブネットマスク

IPアドレスにはネットワークの情報と端末の情報が含まれているが、IPアドレスのうちどこまでがネットワークの情報で、どこからが端末の情報かを識別するために用意されているもの。
IPアドレス同様に0〜255.0〜255.0〜255.0〜255という10進数の数字列で表される。また、これの値で管理者はサブネットを設定することができる。例えば、サブネットマスク「255.255.255.0」は、8ビットの2進数では11111111.11111111.11111111.00000000となる。IPアドレス192.168.60.5のうち1で覆われている部分がネットワークを、0の部分がネットワーク内の端末を表す。この場合、192.168.60.0がネットワークを、5はその中の端末のことを表す。

システム運用管理

構築したシステムが円滑に稼働するよう継続的に保守を行っていくこと。
ハードやソフトの障害を検出して復旧する障害対策、ハードの配置やディスクの空き容量を管理する構成管理、トラフィックやプロセスの使用率を管理する性能管理、パスワードやアクセス権を制御するセキュリティ管理などがある。

デフォルトゲートウェイ

IPパケットを他のネットワークへ転送するときに使用する回送先。接続しているネットワーク上にないホスト(ルータを超えた他のホスト)とのデータの送受信をする際に複雑な経路制御を特定のホストに任せる方式において「特定のホスト」のことをデフォルトゲートウェイと呼ぶ。

ドメイン

大規模なネットワークを論理的なグループに分割して、個々のコンピュータやユーザーを識別・管理するための概念。
インターネットの世界では、IPアドレスに対応して付けられる名前の範囲をドメインと呼ぶ。IPアドレスとドメイン名はDNSサーバが対応づける。LAN/WANの世界では、Windows NTサーバなどのネットワーク管理単位をドメインと呼ぶ。

ネームサーバ

ネットワーク内でユーザー名やコンピュータ名に関する情報を提供するサーバ。代表的なものとしてDNSサーバなどがある。

パケット

LANや通信回線を介して、デジタルデータを伝送する際に、データをある一定長の固まりに区切って、宛先などの情報を加えたもの。

パケットフィルタリング

パケットに含まれた送信元などの情報を基に、そのパケットを通過させてよいかどうかの選別を行うセキュリティの手段。

ファイアウォール

インターネットとLANとの間に配置することでデータ通信を管理し、外部からの不正アクセスから内部のネットワークを保護するシステムや役割をさす。

ブラウザ

複数のデータやファイルを整理して表示し、そこからユーザが必要な情報を選択できるようにするソフトウェアの総称。

プロキシ

インターネット環境で、クライアントからの要求を受けると、クライアントに代わってサーバにアクセスし、サーバから受け取ったデータをクライアントに転送するソフトウェア。
クライアントが気が付かずに動作する場合を特に、透過プロキシと呼ぶ。
セキュリティの向上と、ネットワーク負荷の集中を避ける(キャッシング機能の)ために使用される。

プロトコル

ネットワークを介してデータを交換するための取り決め。通信規約。
通信ケーブルの種類などの物理的な規定から、アプリケーションプログラムへのデータの受け渡し方法の規定まで、さまざまなレベルのプロトコルがある。

プロバイダ

商用インターネット接続サービス業者のこと。正式には、インターネットサービスプロバイダ(ISP)。

ポート番号

TCPやUDPで通信相手を特定するために用いられる識別子。

ホスト名

ネットワーク全体の管理、または制御を行うコンピュータに付けられた名前。

ルータ

複数のネットワークを相互に接続するための通信装置の1つ。
インターネットはTCP/IPを使うネットワーク同士がルータで結ばれた巨大なネットワークである。

ログ

コンピュータの利用状況やデータ通信の記録をとること。またはその記録を指す。
操作やデータの送受信が行われた日時と行われた操作の内容や送受信されたデータの中身などが記録される。

索　引

索引

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：JIS C 61000-3-2適合品とは、日本工業規格「電磁両立性ー第3-2部：限度値ー高調波電流発生限度値（1相当たりの入力電流が20A以下の機器）」に基づき、商用電力系統の高調波環境目標レベルに適合して設計・製造した製品です。

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本体を公衆回線や専用線に接続する場合は、本体に直接接続せず、技術基準に適合し認定されたボードまたはモデム等の通信端末機器を介して使用してください。

電源の瞬時電圧低下対策について

この装置は、落雷等による電源の瞬時電圧低下に対し不都合が生じることがあります。電源の瞬時電圧低下対策としては、交流無停電電源装置（UPS）等を使用されることをお勧めします。

レーザ安全基準について

この装置に標準で搭載されている光磁気ドライブは、レーザに関する安全基準（JIS C-6802、IEC 60825-1）クラス1に適合しています。

海外でのご使用について

この装置は、日本国内での使用を前提としているため、海外各国での安全規格等の適用を受けておりません。したがって、この装置を輸出した場合に当該国での輸入通関および使用に対し罰金、事故による補償等の問題が発生することがあっても、弊社は直接・間接を問わず一切の責任を免除させていただきます。